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OM protein - protein search, using SW model

Run on: March 7, 2005, 07:04:37 ; Search time 21.2389 Seconds

(Without alignments)
702.945 Million cell updates/sec

Title: US-09-939-537-31_COPY_1_200

Perfect score: 1029

Sequence: 1 NMRGVFRRHLVLQLALPL.....TWTCTVLQNGKVEPKRDIIV 200

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Issued Patents AA:*

1: /cgn2_6/ptodata/1/1aa/5A COMB.pep:*

2: /cgn2_6/ptodata/1/1aa/5B COMB.pep:*

3: /cgn2_6/ptodata/1/1aa/6A COMB.pep:*

4: /cgn2_6/ptodata/1/1aa/6B COMB.pep:*

5: /cgn2_6/ptodata/1/1aa/PCTUS COMB.pep:*

6: /cgn2_6/ptodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1029	100.0	203	2	US-08-284-391B-31
2	1029	100.0	203	3	US-09-218-950-31
3	1029	100.0	203	4	US-08-394-388A-31
4	1029	100.0	398	2	US-08-284-391B-29
5	1029	100.0	398	3	US-09-218-950-29
6	1029	100.0	398	4	US-08-394-388A-29
7	1029	100.0	402	1	US-08-236-311-1
8	1029	100.0	402	3	US-08-457-918-1
9	1029	100.0	402	4	US-10-157-408-1
10	1029	100.0	457	4	US-08-328-500-9
11	1029	100.0	458	3	US-08-466-368-4
12	1029	100.0	462	2	US-08-417-495-5
13	1029	100.0	462	2	US-08-284-391B-5
14	1029	100.0	462	3	US-09-218-950-5
15	1029	100.0	462	4	US-08-394-388A-5
16	1029	100.0	462	5	PCT-US93-01785-5
17	1029	100.0	462	5	PCT-US95-00454-5
18	1029	100.0	532	2	US-08-417-495-6
19	1029	100.0	532	2	US-08-284-391B-6
20	1029	100.0	532	3	US-09-218-950-6
21	1029	100.0	532	4	US-08-394-388A-6
22	1029	100.0	532	5	PCT-US93-01785-6
23	1029	100.0	532	5	PCT-US95-00454-6
24	1029	100.0	575	2	US-08-417-495-4
25	1029	100.0	575	2	US-08-284-391B-4
26	1029	100.0	575	3	US-09-218-950-4
27	1029	100.0	575	4	US-08-394-388A-4

28	1029	100.0	575	5	PCT-US92-01785-4	Sequence 4, Appl1
29	1029	100.0	575	5	PCT-US95-00454-4	Sequence 4, Appl1
30	1029	100.0	630	4	US-08-472-868A-6	Sequence 6, Appl1
31	1023	99.4	295	6	5223394-9	Patent No. 5223394
32	1023	99.4	295	6	5223394-9	Patent No. 5223394
33	1023	99.4	310	3	US-08-477-460B-6	Sequence 6, Appl1
34	1023	99.4	310	3	US-08-379-516-6	Sequence 6, Appl1
35	1023	99.4	310	3	US-09-329-916-6	Sequence 6, Appl1
36	1023	99.4	310	3	US-08-485-372A-6	Sequence 6, Appl1
37	1023	99.4	310	3	US-09-409-006A-6	Sequence 6, Appl1
38	1023	99.4	310	4	US-08-484-681-6	Sequence 6, Appl1
39	1023	99.4	310	4	US-09-766-995-6	Sequence 6, Appl1
40	1023	99.4	310	5	PCT-US93-07422-6	Sequence 6, Appl1
41	1023	99.4	318	6	5223394-11	Patent No. 5223394
42	1023	99.4	318	6	5223394-11	Patent No. 5223394
43	1023	99.4	432	3	US-08-477-460B-2	Sequence 2, Appl1
44	1023	99.4	432	3	US-08-379-516-2	Sequence 2, Appl1
45	1023	99.4	432	3	US-09-329-916-2	Sequence 2, Appl1

ALIGNMENTS

RESULT 1
US-08-284-391B-31
Sequence 31, Application US/08284391B
Patent No. 5851828
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391B
FILING DATE: 02-AUG-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 203 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-284-391B-31

Query Match 100.0%; Score 1029; DB 2; Length 203;
Best Local Similarity 100.0%; Pred. No. 4,9e-92;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVLTQALLPAAATQGNKVVLGKKGDTVELTCTASQKSIQFHWKNSNQIK 60
Db 1 MNRGVPRHLLVLTQALLPAAATQGNKVVLGKKGDTVELTCTASQKSIQFHWKNSNQIK 60
QY 61 ILGNQGSFLTKGPKSKLNDRADSRSLMDQGNFPLIINKLKIEDSDTYICEVEDQKEEVOL 120
Db 61 ILGNQGSFLTKGPKSKLNDRADSRSLMDQGNFPLIINKLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLLQGSILTLTLESPGSSPSVOCRSPRGKNIQGGKTLVSQLELDQSG 180
Db 121 LVFGLTANSPTHLLQGSILTLTLESPGSSPSVOCRSPRGKNIQGGKTLVSQLELDQSG 180
QY 181 TWCTCTVLQNKQKVEFKIDIV 200
Db 181 TWCTCTVLQNKQKVEFKIDIV 200

RESULT 2

US-09-218-950-31
Sequence 31, Application US/09218950
Patent No. 6284240

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/218,950
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045

TELEX:
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 203 amino acids
TYPE: amino acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-218-950-31

Query Match 100.0%; Score 1029; DB 3; Length 203;
Best Local Similarity 100.0%; Pred. No. 4,9e-92;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVLTQALLPAAATQGNKVVLGKKGDTVELTCTASQKSIQFHWKNSNQIK 60
Db 1 MNRGVPRHLLVLTQALLPAAATQGNKVVLGKKGDTVELTCTASQKSIQFHWKNSNQIK 60
QY 61 ILGNQGSFLTKGPKSKLNDRADSRSLMDQGNFPLIINKLKIEDSDTYICEVEDQKEEVOL 120
Db 61 ILGNQGSFLTKGPKSKLNDRADSRSLMDQGNFPLIINKLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLLQGSILTLTLESPGSSPSVOCRSPRGKNIQGGKTLVSQLELDQSG 180
Db 121 LVFGLTANSPTHLLQGSILTLTLESPGSSPSVOCRSPRGKNIQGGKTLVSQLELDQSG 180
QY 181 TWCTCTVLQNKQKVEFKIDIV 200
Db 181 TWCTCTVLQNKQKVEFKIDIV 200

RESULT 3

US-08-394-388A-31
Sequence 31, Application US/08394388A
Patent No. 6753162

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/394,388A
FILING DATE: 24-FEB-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045

TELEX:
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 203 amino acids

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-394-388A-31

Query Match 100.0%; Score 1029; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 4,9e-92;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVQLALPAATQGNKRVLGKGDVETLTCTASQKKSIOFHWKNSQIK 60
DB 1 MNRGVPRHLLVQLALPAATQGNKRVLGKGDVETLTCTASQKKSIOFHWKNSQIK 60
QY 61 ILNQGSFLTKGSKANDRADSRSLMDQNPFLIKNLKIEBSPYICVEVDQKEEVOL 120
DB 61 ILNQGSFLTKGSKANDRADSRSLMDQNPFLIKNLKIEBSPYICVEVDQKEEVOL 120
QY 121 LVFGLTANSDTHLLQGQSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLSSVQLELDQSG 180
DB 121 LVFGLTANSDTHLLQGQSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLSSVQLELDQSG 180
QY 181 TWTCTVLQNKQKVEFKIDIV 200
DB 181 TWTCTVLQNKQKVEFKIDIV 200

RESULT 4
US-08-284-391B-29

Sequence 29, Application US/08284391B
Patent No. 5851828

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
NUMBER OF SEQUENCES: 53
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391B
FILING DATE: 02-AUG-1994
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045

TELEX:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 398 amino acids

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-284-391B-29

Query Match 100.0%; Score 1029; DB 2; Length 398;
Best Local Similarity 100.0%; Pred. No. 1,2e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVQLALPAATQGNKRVLGKGDVETLTCTASQKKSIOFHWKNSQIK 60
DB 1 MNRGVPRHLLVQLALPAATQGNKRVLGKGDVETLTCTASQKKSIOFHWKNSQIK 60
QY 61 ILNQGSFLTKGSKANDRADSRSLMDQNPFLIKNLKIEBSPYICVEVDQKEEVOL 120
DB 61 ILNQGSFLTKGSKANDRADSRSLMDQNPFLIKNLKIEBSPYICVEVDQKEEVOL 120
QY 121 LVFGLTANSDTHLLQGQSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLSSVQLELDQSG 180
DB 121 LVFGLTANSDTHLLQGQSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLSSVQLELDQSG 180
QY 181 TWTCTVLQNKQKVEFKIDIV 200
DB 181 TWTCTVLQNKQKVEFKIDIV 200

RESULT 5
US-09-218-950-29

Sequence 29, Application US/09218950
Patent No. 6284240

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
NUMBER OF SEQUENCES: 53
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/218,950
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045

TELEX:
INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:
LENGTH: 398 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-218-950-29

Query Match 100.0%; Score 1029; DB 3; Length 398;
Best Local Similarity 100.0%; Pred. No. 1.2e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVLTQALPAATQGNKVVLGKKGDTVELCTASOKSIOFHMKNNOIK 60
DB 1 MNRGVPRHLLVLTQALPAATQGNKVVLGKKGDTVELCTASOKSIOFHMKNNOIK 60
QY 61 ILGNQGSFLTKGPKSLNDRADSRSLMDQGNFPLIIKNLKIETSDTYICEVEDQKEEVOL 120
DB 61 ILGNQGSFLTKGPKSLNDRADSRSLMDQGNFPLIIKNLKIETSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLQOGSLTTLTSSPGSSPSVQCRSPRGKNIQGGKTLSSVQLDPSG 180
DB 121 LVFGLTANSPTHLQOGSLTTLTSSPGSSPSVQCRSPRGKNIQGGKTLSSVQLDPSG 180
QY 181 TWCTVLQONQKVEFKIDIV 200
DB 181 TWCTVLQONQKVEFKIDIV 200

RESULT 6

US-08-394-388A-29
Sequence 29, Application US/08394388A
Patent No. 6753162

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR - BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/394,388A
FILING DATE: 24-FEB-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045

TELEX:
INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:
LENGTH: 398 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-394-388A-29

Query Match 100.0%; Score 1029; DB 4; Length 398;
Best Local Similarity 100.0%; Pred. No. 1.2e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVLTQALPAATQGNKVVLGKKGDTVELCTASOKSIOFHMKNNOIK 60
DB 1 MNRGVPRHLLVLTQALPAATQGNKVVLGKKGDTVELCTASOKSIOFHMKNNOIK 60
QY 61 ILGNQGSFLTKGPKSLNDRADSRSLMDQGNFPLIIKNLKIETSDTYICEVEDQKEEVOL 120
DB 61 ILGNQGSFLTKGPKSLNDRADSRSLMDQGNFPLIIKNLKIETSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLQOGSLTTLTSSPGSSPSVQCRSPRGKNIQGGKTLSSVQLDPSG 180
DB 121 LVFGLTANSPTHLQOGSLTTLTSSPGSSPSVQCRSPRGKNIQGGKTLSSVQLDPSG 180
QY 181 TWCTVLQONQKVEFKIDIV 200
DB 181 TWCTVLQONQKVEFKIDIV 200

RESULT 7

US-08-236-311-1
Sequence 1, Application US/08236311
Patent No. 5565335

GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.
APPLICANT: Gregory, Timothy J.
TITLE OF INVENTION: Adhesion Variants
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/236,311
FILING DATE: 02-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/936190
FILING DATE: 26-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/936190
FILING DATE: 18-FEB-1992
APPLICATION NUMBER: 07/250785
FILING DATE: 28-SEP-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/104329
FILING DATE: 02-OCT-1987
ATTORNEY/AGENT INFORMATION:
NAME: Hasak, Janet E.
REGISTRATION NUMBER: 28,616
REFERENCE/DOCKET NUMBER: 444PIC2
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-1896
TELEFAX: 415/952-9881
TELE: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 402 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-236-311-1

Query Match 100.0%; Score 1029; DB 1; Length 402;
Best Local Similarity 100.0%; Pred. No. 1.2e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRHLLVQLALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHMKNSNQIK 60
DB 1 MNRGVFRRHLLVQLALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHMKNSNQIK 60
QY 61 IIGNQSFLTKGSKLNDRAISRSLMDQGNPFLIKNLKIEDSDTYICEVEDQKEEVOL 120
DB 61 IIGNQSFLTKGSKLNDRAISRSLMDQGNPFLIKNLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSDTHLQGSQSLTLTLESPPGSSPSVQCSPRGKNIQGGKTLVSQLELDQSG 180
DB 121 LVFGLTANSDTHLQGSQSLTLTLESPPGSSPSVQCSPRGKNIQGGKTLVSQLELDQSG 180
QY 181 TWCTVLQONOKKVEFKIDIV 200
DB 181 TWCTVLQONOKKVEFKIDIV 200

RESULT 8

US-08-457-918-1

Sequence 1, Application US/08457918

Patent No. 6117655

GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.

APPLICANT: Gregory, Timothy J.

TITLE OF INVENTION: Adhesion Variants

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/457,918

FILING DATE: 1-JUN-1995

CLASSIFICATION: 435

APPLICATION DATA:

APPLICATION NUMBER: 08/236311

FILING DATE: 02-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/936190

FILING DATE: 26-AUG-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/842777

FILING DATE: 18-FEB-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/250785

FILING DATE: 28-SEP-1988

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/104329

FILING DATE: 02-OCT-1987

ATTORNEY/AGENT INFORMATION:

NAME: Kubinec, Jeffrey S.

REGISTRATION NUMBER: 36,575
REFERENCE/DOCKET NUMBER: P0444P1C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-8228
TELEFAX: 415/952-9881
TELE: 910/371-7168

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 402 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-457-918-1

Query Match 100.0%; Score 1029; DB 3; Length 402;
Best Local Similarity 100.0%; Pred. No. 1.2e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRHLLVQLALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHMKNSNQIK 60
DB 1 MNRGVFRRHLLVQLALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHMKNSNQIK 60
QY 61 IIGNQSFLTKGSKLNDRAISRSLMDQGNPFLIKNLKIEDSDTYICEVEDQKEEVOL 120
DB 61 IIGNQSFLTKGSKLNDRAISRSLMDQGNPFLIKNLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSDTHLQGSQSLTLTLESPPGSSPSVQCSPRGKNIQGGKTLVSQLELDQSG 180
DB 121 LVFGLTANSDTHLQGSQSLTLTLESPPGSSPSVQCSPRGKNIQGGKTLVSQLELDQSG 180
QY 181 TWCTVLQONOKKVEFKIDIV 200
DB 181 TWCTVLQONOKKVEFKIDIV 200

RESULT 9

US-10-157-408-1

Sequence 1, Application US/10157408

Patent No. 6710169

GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.

APPLICANT: Gregory, Timothy J.

TITLE OF INVENTION: Adhesion Variants

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/157,408

FILING DATE: 28-MAY-2002

CLASSIFICATION: 435

APPLICATION DATA:

APPLICATION NUMBER: US/08/457,918

FILING DATE: 1-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/236311

FILING DATE: 02-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/936190

FILING DATE: 26-AUG-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/842777

FILING DATE: 18-FEB-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/250785

FILING DATE: 28-SEP-1988

APPLICATION NUMBER: 07/104329

FILING DATE: 02-OCT-1987

ATTORNEY/AGENT INFORMATION:

NAME: Kubinec, Jeffrey S.
REGISTRATION NUMBER: 36,575
REFERENCE/DOCKET NUMBER: P0444P1C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-8228
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 402 amino acids
TYPE: amino acid
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-157-408-1

Query Match 100.0%; Score 1029; DB 4; Length 402;
Best Local Similarity 100.0%; Pred. No. 1.2e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRLHLVLTALPAATQGNKVVLGKGGDTVELTCTASOKKSIQFMKNSNQIK 60
DB 1 MNRGVFRLHLVLTALPAATQGNKVVLGKGGDTVELTCTASOKKSIQFMKNSNQIK 60
QY 61 IIGNQSFLLTKGPSKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEYQL 120
DB 61 IIGNQSFLLTKGPSKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEYQL 120
QY 121 LVFGLTANSDTHLLOQOSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELDSDG 180
DB 121 LVFGLTANSDTHLLOQOSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELDSDG 180
QY 181 TWTCTVLQNKVKVEFKIDIV 200
DB 181 TWTCTVLQNKVKVEFKIDIV 200

RESULT 10
US-08-328-500-9
Sequence 9, Application US/08328500
Patent No. 6673896
GENERAL INFORMATION:
APPLICANT: Maddon, Paul J.
APPLICANT: Axel, Richard
APPLICANT: Sweet, Richard W.
APPLICANT: Arthos, James
TITLE OF INVENTION: DERIVATIVES OF SOLUBLE T-4
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/328,500
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/24577-CY
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 457 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-328-500-9

Query Match 100.0%; Score 1029; DB 4; Length 457;
Best Local Similarity 100.0%; Pred. No. 1.5e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRLHLVLTALPAATQGNKVVLGKGGDTVELTCTASOKKSIQFMKNSNQIK 60
DB 1 MNRGVFRLHLVLTALPAATQGNKVVLGKGGDTVELTCTASOKKSIQFMKNSNQIK 60
QY 61 IIGNQSFLLTKGPSKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEYQL 120
DB 61 IIGNQSFLLTKGPSKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEYQL 120
QY 121 LVFGLTANSDTHLLOQOSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELDSDG 180
DB 121 LVFGLTANSDTHLLOQOSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELDSDG 180
QY 181 TWTCTVLQNKVKVEFKIDIV 200
DB 181 TWTCTVLQNKVKVEFKIDIV 200

RESULT 11
US-08-466-368-4
Sequence 4, Application US/08466368
Patent No. 6035539
GENERAL INFORMATION:
APPLICANT: Maddon, Paul J.
APPLICANT: Littman, Dan R.
APPLICANT: Chess, Leonard
APPLICANT: Axel, Richard
APPLICANT: Weiss, Robin
APPLICANT: McDougal, J. S.
TITLE OF INVENTION: DNA ENCODING THE T CELL SURFACE PROTEIN
TITLE OF INVENTION: T4 AND USE OF FRAGMENTS OF T4 IN THE TREATMENT OF AIDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,368
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 24577-B1-B/JPW/AKC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 458 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-466-368-4

Query Match 100.0%; Score 1029; DB 3; Length 458;
Best Local Similarity 100.0%; Pred. No. 1.5e-91;

Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRLLVLTQALLPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60
DB 1 MNRGVFRRLLVLTQALLPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60
QY 61 ILGNQSSFLTKGSKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEQKEEVOL 120
DB 61 ILGNQSSFLTKGSKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEQKEEVOL 120
QY 121 LVFGLTANSDTHLLQGSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLEIDDSG 180
DB 121 LVFGLTANSDTHLLQGSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLEIDDSG 180
QY 181 TWTCTVLQNKQKVEFKIDIV 200
DB 181 TWTCTVLQNKQKVEFKIDIV 200

RESULT 12

US-08-417-495-5
Sequence 5, Application US/08417495
Patent No. 5843728
GENERAL INFORMATION:
APPLICANT: Seed, Brian et al.
TITLE OF INVENTION: Redirection of Cellular Immunity by
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 555X
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/417,495
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/203,866
FILING DATE:
APPLICATION NUMBER: US/07/847,566
FILING DATE:
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/119002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-417-495-5

Chimeras

Query Match 100.0%; Score 1029; DB 2; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.5e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRLLVLTQALLPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60

DB 1 MNRGVFRRLLVLTQALLPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60

QY 61 ILGNQSSFLTKGSKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEQKEEVOL 120
DB 61 ILGNQSSFLTKGSKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEQKEEVOL 120
QY 121 LVFGLTANSDTHLLQGSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLEIDDSG 180
DB 121 LVFGLTANSDTHLLQGSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLEIDDSG 180
QY 181 TWTCTVLQNKQKVEFKIDIV 200
DB 181 TWTCTVLQNKQKVEFKIDIV 200

RESULT 13

US-08-284-391B-5
Sequence 5, Application US/08284391B
Patent No. 5851828
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Ebling LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391B
FILING DATE: 02-AUG-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Ebling, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-284-391B-5

Query Match 100.0%; Score 1029; DB 2; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.5e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRLLVLTQALLPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60

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Db 1 MNRGVPRRHLLVQLALPAAIQGNKRVLGKKGDVTELCTASQKKSIOFHWKSNQIK 60
Qy 61 ILGNQGSFLTKGSPSKNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEYVL 120
Db 61 ILGNQGSFLTKGSPSKNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEYVL 120
Qy 121 LVFGLTANSDTHLLQGSQSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Db 121 LVFGLTANSDTHLLQGSQSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Qy 181 TWTCVTQLQNKQKVEFKIDIV 200
Db 181 TWTCVTQLQNKQKVEFKIDIV 200
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RESULT 14

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US-09-218-950-5
/ Sequence 5, Application US/09218950
/ Patent No. 6284240
/ GENERAL INFORMATION:
/ APPLICANT: Seed, Brian
/ APPLICANT: Banapour, Babak
/ APPLICANT: Romeo, Charles
/ APPLICANT: Kolanus, Waldemar
/ TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
/ TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
/ NUMBER OF SEQUENCES: 53
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Clark & Elbing LLP
/ STREET: 176 Federal Street
/ CITY: Boston
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02110
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/218,950
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/284,391
/ FILING DATE: 02-AUG-1994
/ APPLICATION NUMBER: 08/195,395
/ FILING DATE: 14-FEB-1994
/ APPLICATION NUMBER: 07/847,566
/ FILING DATE: 06-MAR-1992
/ APPLICATION NUMBER: 07/665,961
/ FILING DATE: 07-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elbing, Karen L
/ REGISTRATION NUMBER: 35,238
/ REFERENCE/DOCKET NUMBER: 00786/247001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-428-0200
/ TELEFAX: 617-428-7045
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 462 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-09-218-950-5
```

```
Query Match 100.0%; Score 1029; DB 3; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.5e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 MNRGVPRRHLLVQLALPAAIQGNKRVLGKKGDVTELCTASQKKSIOFHWKSNQIK 60
Db 1 MNRGVPRRHLLVQLALPAAIQGNKRVLGKKGDVTELCTASQKKSIOFHWKSNQIK 60
Qy 61 ILGNQGSFLTKGSPSKNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEYVL 120
Db 61 ILGNQGSFLTKGSPSKNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEYVL 120
Qy 121 LVFGLTANSDTHLLQGSQSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Db 121 LVFGLTANSDTHLLQGSQSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Qy 181 TWTCVTQLQNKQKVEFKIDIV 200
Db 181 TWTCVTQLQNKQKVEFKIDIV 200
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RESULT 15

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US-08-394-388A-5
/ Sequence 5, Application US/08394388A
/ Patent No. 6753162
/ GENERAL INFORMATION:
/ APPLICANT: Seed, Brian
/ APPLICANT: Banapour, Babak
/ APPLICANT: Romeo, Charles
/ APPLICANT: Kolanus, Waldemar
/ TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
/ TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
/ NUMBER OF SEQUENCES: 53
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Clark & Elbing LLP
/ STREET: 176 Federal Street
/ CITY: Boston
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02110
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/394,388A
/ FILING DATE: 24-FEB-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/284,391
/ FILING DATE: 02-AUG-1994
/ APPLICATION NUMBER: 08/195,395
/ FILING DATE: 14-FEB-1994
/ APPLICATION NUMBER: 07/847,566
/ FILING DATE: 06-MAR-1992
/ APPLICATION NUMBER: 07/665,961
/ FILING DATE: 07-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elbing, Karen L
/ REGISTRATION NUMBER: 35,238
/ REFERENCE/DOCKET NUMBER: 00786/247001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-428-0200
/ TELEFAX: 617-428-7045
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 462 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-08-394-388A-5
```

```
Query Match 100.0%; Score 1029; DB 4; Length 462;
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Best Local Similarity 100.0%; Pred. No. 1.5e-91;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 MNRGVPFRHLLVLTQALLPAATQGNKVVTGKGDVTELTCTASQKKSIOFHWKNSNOIK 60
      |||||||
Db      1 MNRGVPFRHLLVLTQALLPAATQGNKVVTGKGDVTELTCTASQKKSIOFHWKNSNOIK 60
      |||||||
QY      61 ILGNQGSFLTQGPSKLNDRADSRSLMDQGNFPLIITKNLKIEDSDTYICEVEDQKEEVOL 120
      |||||||
Db      61 ILGNQGSFLTQGPSKLNDRADSRSLMDQGNFPLIITKNLKIEDSDTYICEVEDQKEEVOL 120
      |||||||
QY      121 LVFGLTANSPTHLLOGQSITLTLESPPGSSPSVQCRRSPRGKNIQGGKTLSSVQLELDGSG 180
      |||||||
Db      121 LVFGLTANSPTHLLOGQSITLTLESPPGSSPSVQCRRSPRGKNIQGGKTLSSVQLELDGSG 180
      |||||||
QY      181 TWTCTVLQONOKKVEFKIDIV 200
      |||||||
Db      181 TWTCTVLQONOKKVEFKIDIV 200
      |||||||
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Job time : 22.2389 secs

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